

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 101536, S60
Source: PCT
Date Processed by STIC: 6/7/06

ENTERED



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/536,560

DATE: 06/07/2006
TIME: 10:46:42

Input Set : F:\Sequence.txt
Output Set: N:\CRF4\06072006\J536560.raw

3 <110> APPLICANT: ROSETTA GENOMICS LTD
 5 <120> TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY
 6 GENES AND USES THEREOF
 8 <130> FILE REFERENCE: 06087.0300.PCUS13
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/536,560 (PG, 6)
 C--> 10 <141> CURRENT FILING DATE: 2005-05-26
 10 <160> NUMBER OF SEQ ID NOS: 424571
 12 <170> SOFTWARE: PatentIn version 3.3
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 76
 16 <212> TYPE: RNA
 17 <213> ORGANISM: Human herpesvirus 5
 19 <400> SEQUENCE: 1
 20 ggccgccaag auccaggagc gcuacgcgga gcugcagaag cgcaagagcc accccaccuc 60
 22 cugcaucucc acggcc 76
 25 <210> SEQ ID NO: 2
 26 <211> LENGTH: 112
 27 <212> TYPE: RNA
 28 <213> ORGANISM: Human Herpesvirus 2
 30 <400> SEQUENCE: 2
 31 ggccgcccgcg cgcccccgcg cggccgcgcg gcgcgcgcgc cggccgcgcg cgccgcgcgcg 60
 33 cccggccgcgc gcgcgcgcgc gcgcgcgcgc gcgcgcgcgc gcgcgcgcgc cc 112
 36 <210> SEQ ID NO: 3
 37 <211> LENGTH: 64
 38 <212> TYPE: RNA
 39 <213> ORGANISM: Human herpesvirus 3
 41 <400> SEQUENCE: 3
 42 ggccguauuu cccggaaauug gaacgcuuca caacuguugu gaaauauauuc cacuguucuc 60
 44 ggcu 64
 47 <210> SEQ ID NO: 4
 48 <211> LENGTH: 61
 49 <212> TYPE: RNA
 50 <213> ORGANISM: Human Herpesvirus 1
 52 <400> SEQUENCE: 4
 53 ggccuuauag aucsccggau cgaugcggac ggggguaauug aucsaggcgaa ucggaaacggc 60
 55 c 61
 58 <210> SEQ ID NO: 5
 59 <211> LENGTH: 90
 60 <212> TYPE: RNA
 61 <213> ORGANISM: Rat cytomegalovirus
 63 <400> SEQUENCE: 5
 64 ggccgaaacccc gcccggucgc aggccgucggu gacgaccuuug gagagguagu ucuccaggc 60
 66 gcgacgacg cgguaagacgc ggggggagcc 90

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DATE: 06/07/2006
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Input Set : F:\Sequence.txt
Output Set: N:\CRF4\06072006\J536560.raw

69 <210> SEQ ID NO: 6
70 <211> LENGTH: 92
71 <212> TYPE: RNA
72 <213> ORGANISM: Human Herpesvirus 4
74 <400> SEQUENCE: 6
75 ggcgacacuu gggugcacag guggccguag gugucacguq accuuuuuccg ccggcaccuu 60
77 uaagcugccg cgauguaccc ccggggaucg cc 92
80 <210> SEQ ID NO: 7
81 <211> LENGTH: 94
82 <212> TYPE: RNA
83 <213> ORGANISM: Human herpesvirus 1
85 <400> SEQUENCE: 7
86 ggcgaccccg guccuguaau auauaggguc aggggguucc gcaccccuua acauggcgcc 60
88 cccgguccu guauauauag ugucacgggg uucc 94
91 <210> SEQ ID NO: 8
92 <211> LENGTH: 76
93 <212> TYPE: RNA
94 <213> ORGANISM: Rat Cytomegalovirus
96 <400> SEQUENCE: 8
97 ggcgagcgcc gagggcgaca cugcuggcgc gaggggaccc gccgggcucc cgcgguccgc 60
99 ccggcccccg cucccc 76
102 <210> SEQ ID NO: 9
103 <211> LENGTH: 102
104 <212> TYPE: RNA
105 <213> ORGANISM: Human herpesvirus 4
107 <400> SEQUENCE: 9
108 ggcgcacccc caguaccggg ccauccugca aaagaggaac gagcuguaca cgccgcucaa 60
110 ccgagccaug cagcgguugg gccgaggcga ggaggaggcg uc 102
113 <210> SEQ ID NO: 10
114 <211> LENGTH: 99
115 <212> TYPE: RNA
116 <213> ORGANISM: Molluscum contagiosum virus
118 <400> SEQUENCE: 10
119 ggcgcgcccga cgccgcccggg ggcgcgcccac guacccgggc ggcgcacgc cgccggcgcc 60
121 gccgacguca cggggcgccgc caacgcugcc gggcgccgc 99
124 <210> SEQ ID NO: 11
125 <211> LENGTH: 74
126 <212> TYPE: RNA
127 <213> ORGANISM: Human Herpesvirus 5
129 <400> SEQUENCE: 11
130 ggcgcucgca cgaggagcug guucuuuguc gcccggagau ggaggagcgu cuagcgccgc 60
132 uguugcagag ugcc 74
135 <210> SEQ ID NO: 12
136 <211> LENGTH: 62
137 <212> TYPE: RNA
138 <213> ORGANISM: Human Herpesvirus 5
140 <400> SEQUENCE: 12
141 ggcgguggcg aucaaaaggc gcguaugaga aaccguuuau agaguguaau agaaucaccg 60
143 uc 62

RAW SEQUENCE LISTING DATE: 06/07/2006
 PATENT APPLICATION: US/10/536,560 TIME: 10:46:42

Input Set : F:\Sequence.txt
 Output Set: N:\CRF4\06072006\J536560.raw

146 <210> SEQ ID NO: 13
 147 <211> LENGTH: 60
 148 <212> TYPE: RNA
 149 <213> ORGANISM: Human Herpesvirus 5
 151 <400> SEQUENCE: 13
 152 ggcqqqgggu cucgggccaa acgcccgcgu agacgacgacg cuccgaaaaa cgacgcccgc 60
 155 <210> SEQ ID NO: 14
 156 <211> LENGTH: 80
 157 <212> TYPE: RNA
 158 <213> ORGANISM: Human herpesvirus 1
 160 <400> SEQUENCE: 14
 161 ggcggugucg uuguuggugc cggugggggcg uaccgcguaa auacaucggu gcagcggacu 60
 163 ggcaccgaaac acgguguacc 80
 166 <210> SEQ ID NO: 15
 167 <211> LENGTH: 63
 168 <212> TYPE: RNA
 169 <213> ORGANISM: Human Herpesvirus 5
 171 <400> SEQUENCE: 15
 172 ggcguccgcg ugucuaaacc gcgugcucgc ugacgcgggu uugcuuccua uauaguggac 60
 174 guc 63
 177 <210> SEQ ID NO: 16
 178 <211> LENGTH: 65
 179 <212> TYPE: RNA
 180 <213> ORGANISM: Human Herpesvirus 5
 182 <400> SEQUENCE: 16
 183 ggcguucagg ccuuaauacu agccgcaucu uaccugucgg cagcauguau cggggcuccg 60
 185 acgcc 65
 188 <210> SEQ ID NO: 17
 189 <211> LENGTH: 130
 190 <212> TYPE: RNA
 191 <213> ORGANISM: Hepatitis GB virus B
 193 <400> SEQUENCE: 17
 194 ggcguugaca ccaccaaacu gccagcccccc uccaucgaag agguaguggu aagaaagcgc 60
 196 caguuccggg caagaacugg uucgcuuacc uugccucccc cuccgagaauc cgucccagga 120
 198 gugucauguc 130
 201 <210> SEQ ID NO: 18
 202 <211> LENGTH: 63
 203 <212> TYPE: RNA
 204 <213> ORGANISM: Human Herpesvirus 6
 206 <400> SEQUENCE: 18
 207 ggcugacagg aucguccccc uggcucguga uccuacaagg gcaggggggg ucucuguucu 60
 209 gcc 63
 212 <210> SEQ ID NO: 19
 213 <211> LENGTH: 81
 214 <212> TYPE: RNA
 215 <213> ORGANISM: Human herpesvirus 4
 217 <400> SEQUENCE: 19
 218 ggcugugaca cugacgauga aucuucggug guuucaacau caaucaccuc uaugacauc 60
 220 ucgucguaca caacacacgc u 81

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/536,560

DATE: 06/07/2006
TIME: 10:46:42

Input Set : F:\Sequence.txt
Output Set: N:\CRF4\06072006\J536560.raw

223 <210> SEQ ID NO: 20
224 <211> LENGTH: 60
225 <212> TYPE: RNA
226 <213> ORGANISM: Human Herpesvirus 5
228 <400> SEQUENCE: 20
229 ggcuucguug cguauuggcca ccaccacguu aaagagagac gguggcacca gcucgaagcc 60
232 <210> SEQ ID NO: 21
233 <211> LENGTH: 92
234 <212> TYPE: RNA
235 <213> ORGANISM: Measles virus
237 <400> SEQUENCE: 21
238 ggcuucuuga gaacuucggc cagugcucgg ccugaaucuc ugccuaugau ggguuucagg 60
240 ucgggauuga guucgacaua ugcagugggg uc 92
243 <210> SEQ ID NO: 22
244 <211> LENGTH: 78
245 <212> TYPE: RNA
246 <213> ORGANISM: Hepatitis GB virus B
248 <400> SEQUENCE: 22
249 ggaaaaaaac cuuguggggu ucuguggcgc uuggacggcg cugacgcccug uccuggccca 60
251 gagcccagcg aggugacc 78
254 <210> SEQ ID NO: 23
255 <211> LENGTH: 63
256 <212> TYPE: RNA
257 <213> ORGANISM: Human Herpesvirus 5
259 <400> SEQUENCE: 23
260 ggagacggc gcagccagug uuuuuuaaga uaaaacaagg cacguggucu gugcggcucu 60
262 ccc 63
265 <210> SEQ ID NO: 24
266 <211> LENGTH: 64
267 <212> TYPE: RNA
268 <213> ORGANISM: Human herpesvirus 2
270 <400> SEQUENCE: 24
271 ggagggggag aggagaaggg cgccgcggug cgcggagcag cciuuccuucu ccggagucc 60
273 ucuc 64
276 <210> SEQ ID NO: 25
277 <211> LENGTH: 98
278 <212> TYPE: RNA
279 <213> ORGANISM: Human herpesvirus 1
281 <400> SEQUENCE: 25
282 ggccgcac ggccccgucg aucguggggg ccucgaaacc gggguggugg cgcgcaguc 60
284 guucuaggguu caccaugcag gcgugguacg ugcgggccc 98
287 <210> SEQ ID NO: 26
288 <211> LENGTH: 63
289 <212> TYPE: RNA
290 <213> ORGANISM: Human Herpesvirus 2
292 <400> SEQUENCE: 26
293 ggccgcggg ccagcagacg ggccgcggcg ccagcggccc acgccucccg ccgcauuagg 60
295 ccc 63
298 <210> SEQ ID NO: 27

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/536,560

DATE: 06/07/2006
TIME: 10:46:42

Input Set : F:\Sequence.txt
Output Set: N:\CRF4\06072006\J536560.raw

299 <211> LENGTH: 79
300 <212> TYPE: RNA
301 <213> ORGANISM: Human Adenovirus D
303 <400> SEQUENCE: 27
304 gggcguugcg ggccgagacc gugagcucgu cuuccaggag ccugaugagc ucggcgaugg 60
306 uggcgcgac cucgcgcuc 79
309 <210> SEQ ID NO: 28
310 <211> LENGTH: 123
311 <212> TYPE: RNA
312 <213> ORGANISM: Human Herpesvirus 1
314 <400> SEQUENCE: 28
315 gggcuggggc cggggagggc uggggccggg gagggcuggg gccggggagg gcuggggccg 60
317 gggagggcug gggccggggga gggcuggggc cggggagggc uggggcuggg gagggcuggg 120
319 gcu 123
322 <210> SEQ ID NO: 29
323 <211> LENGTH: 79
324 <212> TYPE: RNA
325 <213> ORGANISM: Murray Valley encephalitis virus
327 <400> SEQUENCE: 29
328 gggcuucauc uccauuguug gcagggacuc cucuuccgag acgguucugg gaggcuuucc 60
330 aaccquggag aaucagcuc 79
333 <210> SEQ ID NO: 30
334 <211> LENGTH: 107
335 <212> TYPE: RNA
336 <213> ORGANISM: Human Herpesvirus 2
338 <400> SEQUENCE: 30
339 ggggaggggg guggcggcug gggaaaggga aggaacgccc gaaaccagag aaaaggacca 60
341 aaaggaaac gcuuccaacc gauaaaucaa gcgccgacca gaacccc 107
344 <210> SEQ ID NO: 31
345 <211> LENGTH: 116
346 <212> TYPE: RNA
347 <213> ORGANISM: Human Herpesvirus 1
349 <400> SEQUENCE: 31
350 gggcagucg gggaaaggc ugucgagcac guagcccugc accaagaucu gcuuaaguu 60
352 cgggugacgg ggguucgcga agacgggcuc gcggcggacc agaucccccgg agcucc 116
355 <210> SEQ ID NO: 32
356 <211> LENGTH: 106
357 <212> TYPE: RNA
358 <213> ORGANISM: Human adenovirus C
360 <400> SEQUENCE: 32
361 gggggcgguu aggcuuccu ccuucucgac ugacuccaug aucuuuuuucu gccuauagga 60
363 gaaggaaaug gccagucggg aagaggagca gcgcgaaacc acccccc 106
366 <210> SEQ ID NO: 33
367 <211> LENGTH: 66
368 <212> TYPE: RNA
369 <213> ORGANISM: Human Herpesvirus 4
371 <400> SEQUENCE: 33
372 gggggcagu gauaagucau gacaauuuua gaugagguag aaauuuugca uauuuucaga 60
374 cccacc 66

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/07/2006
PATENT APPLICATION: US/10/536,560 TIME: 10:46:43

Input Set : F:\Sequence.txt
Output Set: N:\CRF4\06072006\J536560.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:30842; N Pos. 25
Seq#:44253; N Pos. 6
Seq#:82755; N Pos. 11
Seq#:166354; N Pos. 29

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/536,560

DATE: 06/07/2006
TIME: 10:46:43

Input Set : F:\Sequence.txt
Output Set: N:\CRF4\06072006\J536560.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:280671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30842 after pos.:0
L:401376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44253 after pos.:0
L:747900 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82755 after pos.:0
L:1500297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166354 after pos.:0

STATISTICS SUMMARY
PATENT APPLICATION: US/10/536,560

DATE: 06/07/2006
TIME: 10:46:43

Input Set : F:\Sequence.txt
Output Set: N:\CRF4\06072006\J536560.raw

Application Serial Number: US/10/536,560
Alpha or Numeric or Xml: Numeric
Application Class:
Application File Date: 05-26-2005
Art Unit: PCT
Software Application: PatentIN3.3
Total Number of Sequences: 424571
Total Nucleotides: 13589435
Total Amino Acids: 0
Number of Errors: 0
Number of Warnings: 4
Number of Corrections: 2

MESSAGE SUMMARY

270 C: 1 (Current Application Number differs)
271 C: 1 (Current Filing Date differs)
341 W: 4 ((46) "n" or "Xaa" used)